

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/050868

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06T5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	POHLE R ET AL: "Segmentation of 3-D medical image data sets with a combination of region based initial segmentation and active surfaces" PROC. SPIE - INT. SOC. OPT. ENG. (USA), PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 2003, SPIE-INT. SOC. OPT. ENG, USA, vol. 5032, 17 February 2003 (2003-02-17), - 20 February 2003 (2003-02-20) pages 1225-1232, XP002290373 ISSN: 0277-786X	1,2,5-8, 11-13
Y	page 1226, line 10 - line 13; figure 7 sec. 1., "Introduction", 1st paragraph ----- -/--	3,4,9,10

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

29 July 2004

Date of mailing of the international search report

12/08/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>ZHUKOV L ET AL: "Dynamic deformable models for 3D MRI heart segmentation" PROC. SPIE - INT. SOC. OPT. ENG. (USA), PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING, 2002, SPIE-INT. SOC. OPT. ENG, USA, vol. 4684, pt.1-3, 24 February 2002 (2002-02-24), - 28 February 2002 (2002-02-28) pages 1398-1405, XP002290395 ISSN: 0277-786X sec. 2, "Method" sec. 2.6, "Hard Constraints" page 1399 - page 1401</p>	3,4,9,10
Y	<p>DELINGETTE H ED - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "SIMPLEX MESHES: A GENERAL REPRESENTATION FOR 3D SHAPE RECONSTRUCTION" PROCEEDINGS OF THE COMPUTER SOCIETY CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION. SEATTLE, JUNE 21 - 23, 1994, LOS ALAMITOS, IEEE COMP. SOC. PRESS, US, 21 June 1994 (1994-06-21), pages 856-859, XP000515947 ISBN: 0-8186-5827-4 the whole document</p>	3,4,9,10